

Work Order ID 160666

Tuesday, May 02, 2017 3:11:54 PM

160666

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Item ID: D3018-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Seat Cushion

Start Date: 5/3/2017 Start Qty: 4.00

4

Required Date: 5/16/2017 Req'd Qty: 4.00

4

Reference:

DAS
13

Approvals:

Process Plan:

9-89

Date:

MAY 03 2017

Tooling:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3018

B

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O:

36249

Possible supplier: Chestnut Ridge Airflex fire-resistant aircraft cushioning

Order: Grade 55.65 (colour orange), Density 3.6lb/ft³

Material must meet FAR 27.853(a) or 25.853(a)

Part is symmetric about centerline-All dimensions

4 MAY 03 2017 DAS 13 9-89

110

0.00

110

Packaging

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

4x 5017-529

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Item ID: D3018-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Seat Cushion
Start Date: 5/3/2017 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 5/16/2017 Req'd Qty: 4.00 ***4*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- All purchased or subcontracted products	0.00							DAS 38 9-89
120						4			
QC	Memo	0.00							
Quality Control	*****REMOVE "CHESTNUT FOAM" LABEL AND ATTACH TO WORK ORDER FOR TRACEABILITY*****								JUL 03 2017
130	Identify as per dwg & Stock Location: <u>ST 415</u>	0.00							
130						4x			
Packaging	Memo	0.04							DAS 26 9-89
Packaging									JUL 19 2017
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.40							
Quality Control									17/7/2017

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JUL 19 2017

Picklist Print

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Work Order ID: 160666

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Parent Item: D3018-1

D3018-1

Parent Item Name: Seat Cushion

Start Date: 5/3/2017

Required Date: 5/16/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B01.06.08Removed acid etch & alodine EC IPP REV:C
11.08.08 added note per NCR 11-588 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3018-1P		Purchased	No			110	Each	0.0000	1	4			
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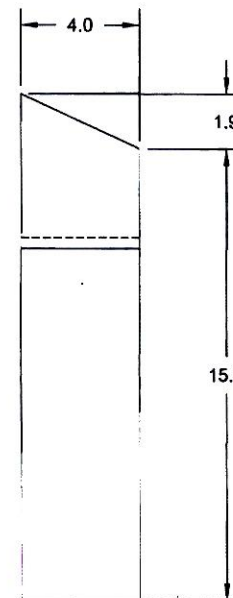
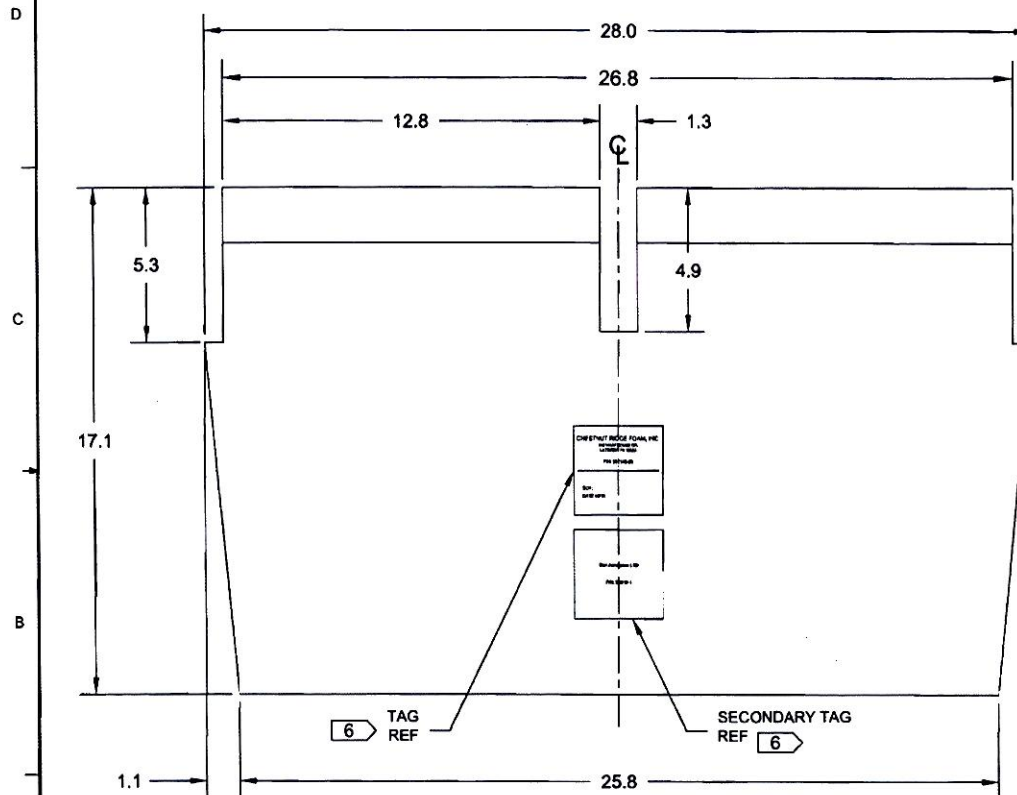
D3018-1P

Seat Cushion

4x 80 175-29.

SPECIFICATION CONTROL DRAWING

TABLE 1							
THICKNESS/ HEIGHT	TOLERANCE		LENGTH/ DEPTH	TOLERANCE		WIDTH (LEFT TO RIGHT)	TOLERANCE
	(+)	(-)		(+)	(-)		(+)
0.0 - 0.50	0.06	0.06	0.00 - 6.00	0.06	0.06	0.00 - 6.00	0.06
0.51 - 1.00	0.13	0.06	6.01 - 12.00	0.13	0.13	6.01 - 12.00	0.13
1.01 - 3.00	0.13	0.06	12.01 - 24.00	0.25	0.25	12.01 - 24.00	0.25
3.01 +	0.19	0.13	24.01 +	0.50	0.38	24.01 +	0.50



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9-89

MAY 03 2017

WLO: 1606666

RELEASED
2011-05-10

D3018-1 SEAT CUSHION

NOTES:

- 1) MATERIAL: MUST MEET FAR 27.853(a) OR 25.853(a) AIRFLEX FIRE-RESISTANT AIRCRAFT CUSHIONING GRADE 55-65 (COLOUR ORANGE) DENSITY 3.6 lb/ft³
- 2) FINISH: NONE
- 3) TOLERANCES: PER TABLE 1
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: TAG(S), BURNED, TO SHOW THE FOLLOWING AT MINIMUM:

CHESTNUT RIDGE FOAM, INC.
443 WAREHOUSE DR.
LATROBE, PA 15650
SO#
DATE MFD:
DART AEROSPACE LTD. P/N D3018-1

7) PART IS SYMMETRICAL ABOUT CENTERLINE

8) MAKE PER TEMPLATE

9) POSSIBLE SUPPLIER: CHESTNUT RIDGE P/N 502148-99

B	UPDATE TO CURRENT STD; DRAWING REVISED IAW CHESTNUT RIDGE MFG DWG. REF: NCR11-588	MB	11.05.10
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN	197		
DRAWN	197		
CHECKED	197		
MFG. APPR.	197		
APPROVED	197		
DE APPR.	197		
DATE	11.05.10		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D3018

TITLE

SEAT CUSHION

SCALE

NTS

REV. B

SHEET 1 OF 1

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36249**

Purchase Order Date 5/9/2017 11:06:55 AM
PO Print Date 5/9/2017

Page Number 1 of 2

Order From :

VU-CHE001

Ship To : DART AEROSPACE LTD

CHESTNUT RIDGE FOAM, INC.
PO BOX 6015
HERMITAGE, PA 16148
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

724 537 9000

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	D3018-1P	Seat Cushion ✓	5/22/2017 Yes 5/22/2017		4.00 Each	\$60.40	\$241.60
	AS PER DWG D3018 REV. B B160666						
						Line Total:	\$241.60
3	D3019-1P	Back Cushion	5/22/2017 Yes 5/22/2017		2.00 Each	\$46.77	\$93.54
	AS PER DWG D3019 REV. B B161246						
						Line Total:	\$93.54

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5017-5-29

Note:

5/9/2017

Chestnut Ridge Foam, Inc.
443 Warehouse Drive
P.O. Box 781
Latrobe PA 15650

Phone: 724-537-9000
Fax: 724-537-9003



Pack Slip: 70340

Packing Slip

Page: 1 of 1

Ship To: Fed Exp #1517-9324-0
Dart Aerospace Ltd.
1270 Aberdeen Street
Tel: 613-632-3336
Hawkesbury ON K6A 1K7
Canada

Phone: 613-632-3336
Fax: 613-632-1053

Sold To: Chantal Lavoie Fax#: 613-632-1053
Dart Aerospace Ltd.
1270 Aberdeen Street
Tel: 613-632-3336
Hawkesbury ON K6A 1K7
Canada

Phone: 613-632-3336
Fax: 613-632-1053

Ship Date: 5/25/2017
Ship Via: Fed Exp P1

F.O.B.: Origin

PO Line	Part Number/Description Planned Qty	Shipped Qty	Rev PO Line
---------	--	-------------	----------------

Sales Order: 57978

Your PO: PO36249

Salesperson: Matt Gurgiolo

Certificate of Conformity that all components comply with 14CFR 25.853(a) 12 Second Vertical Burn with Shipment
The following Quality Clause Codes apply to this order: A004, A005, A016, A026, A027, A040, A042, and A043.

Line 1

Rel 1

D3018-1P

AIRFLEX Bottom Cushion
4.00 EA

4.00 EA

Our Part: 502148-99

Line 2

Rel 1

D3019-1P

AIRFLEX Back Cushion
2.00 EA

2.00 EA

Our Part: 601988-99

801-75-29

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9-89

CONTACT CHESTNUT RIDGE FOAM IF THERE IS DAMAGE OR DISCREPANCIES 724-537-9000



Certificate of Conformance

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury
Ontario CANADA K6A 1K7

PURCHASE ORDER: PO36249

SALES ORDER: 57978

DATE SHIPPED: 05/25/17

I certify that the individual components comprising the part(s) shipped against the above-referenced purchase order meets:

14 CFR 25.853(a), APPENDIX F, PART 1(a)(1)(ii), AMENDMENT 25-116

Quantity	Customer Part Number	CRF Part Number	Material	Batch Number
4	D3018-1P	502148-99	CR AIRFLEX 55-65	AF17010
4	D3019-1P	601988-99	CR AIRFLEX 30-40	AF17010

MADE IN THE U.S.A

Robin Meighen

Digitally signed by Robin Meighen
DN: cn=Robin Meighen, o=Chestnut Ridge
Foam, Inc., ou=Sr. Q.A. Inspector,
email=rmeighen@chestnutridgefoam.com, c=US
Date: 2017.05.25 07:28:49 -04'00'

❖ 443 Warehouse Drive Latrobe, PA 15650
❖ Phone: 724-537-9000 Fax: 724-537-9003

CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 16392
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : CR AIRFLEX
BATCH / LOT NO : AF17010
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : CR AIRFLEX 55-65, 1/2 inch thickness
CRF P/N:

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : ORANGE

CONDITIONING STARTED : DATE : 3-14-17
TIME : 9:00 AM

TEST STARTED : DATE : 3-16-17
TIME : 11:20 AM

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	3.3
#2.	0.0	0.0	3.9
#3.	0.0	0.0	4.2
AVG.	0.0	0.0	3.8

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : Kelly Bures
Laboratory Technician



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 16389
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : CR AIRFLEX
BATCH / LOT NO : AF17010
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : CR AIRFLEX 30-40, 1/2 inch thickness
CRF P/N:

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

CONDITIONING STARTED : DATE : 3-15-17
TIME : 9:00 AM

TEST STARTED : DATE : 3-16-17
TIME : 11:05 AM

RESULTS :	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1	0.0	0.0	3.2
#2	0.0	0.0	3.4
#3	0.0	0.0	3.6
AVG	0.0	0.0	3.4

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : Kelly Bures
Laboratory Technician



ESTIMBY
Kelly Bates
Laboratory Technician

INVOICE		SHIP TO		SOLD TO	
HANES HANES ENGINEERED MATERIALS L.P. FINANCIAL SERVICES CO. P.O. BOX 60984 CHARLOTTE, NC 28260		CHESTNUT RIDGE FARM 443 WAREHOUSE DRIVE LA TROBE, PA 15650		CHESTNUT RIDGE FARM ROUTE 981 NORTH LA TROBE, PA 15650	
CONTACT: 800-441-4411 FAX: (828) 464-0457 PHONE: (828) 464-0457 FAX: (828) 464-0457		engineered materials <i>Signature</i>		engineered materials <i>Signature</i>	

CHESTNUT RIDGE FOAM, INC.

443 WAREHOUSE DR.
LATROBE, PA 15650

P/N: 502148-99

SO# : 57978

DATE MFD: 05/17

CHESTNUT RIDGE FOAM, INC.

443 WAREHOUSE DR.
LATROBE, PA 15650

P/N: 502148-99

SO# : 57978

DATE MFD: 05/17



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